

# Massachusetts Division of Energy Resources (DOER)

## 2005 Electric Power Customer Migration Data

The data tables below illustrate the migration of electric power customers in Massachusetts from incumbent generation sources to competitive generation sources for 2005, by month. The most recent data available, for October, November and December 2005, was posted January 30, 2006 (revised September 2005 data posted 1/30/06).

Notes and other information about these tables can be found at the bottom of this page.

December 2005		Incumbent Generation		Competitive Generation	
Rate Class	Total Number of Basic Service Customers	kWh Used by Basic Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month	
Residential - Non-Low Income	1,844,604	1,303,912,458	173,233	100,831,816	
Residential - Low Income	151,351	93,446,907	5,781	4,042,221	
Residential - Time-Of-Use	361	1,869,776	15	228,640	
Small Commercial & Industrial	221,205	293,188,294	33,967	75,637,316	
Medium Commercial & Industrial	36,123	413,902,396	5,979	141,641,259	
Large Commercial & Industrial	3,927	640,608,048	2,770	867,083,026	
Farms	612	1,533,306	4	131,554	
Street Lights	10,263	17,234,810	5,993	18,874,535	
<b>Total Sales to Ultimate Consumers</b>	2,268,446	2,765,695,996	227,742	1,208,470,367	

November 2005		Incumbent Generation		Competitive Generation	
Rate Class	Total Number of Basic Service Customers	kWh Used by Basic Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month	
Residential - Non-Low Income	1,898,774	1,079,947,839	185,461	91,215,108	
Residential - Low Income	151,831	73,840,602	5,998	91,215,108	
Residential - Time-Of-Use	370	1,172,563	16	199,024	
Small Commercial & Industrial	227,990	271,239,128	36,215	74,335,578	
Medium Commercial & Industrial	38,548	405,603,324	6,222	135,263,115	
Large Commercial & Industrial	4,032	655,649,143	2,952	867,485,034	
Farms	613	1,373,962	3	44,473	
Street Lights	10,504	16,554,760	6,219	16,706,068	
<b>Total Sales to Ultimate Consumers</b>	2,332,662	2,505,381,321	243,086	1,188,520,561	

October 2005		Incumbent Generation		Competitive Generation	
Rate Class	Total Number of Basic Service Customers	kWh Used by Basic Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month	

Residential - Non-Low Income	1,933,597	1,107,263,884	189,552	98,200,944
Residential - Low Income	147,788	68,790,045	6,568	3,447,268
Residential - Time-Of-Use	368	855,066	16	85,163
Small Commercial & Industrial	230,398	298,473,010	36,647	83,809,042
Medium Commercial & Industrial	38,955	443,177,840	6,384	187,590,303
Large Commercial & Industrial	3,869	636,039,580	3,199	1,011,893,201
Farms	616	1,607,542	2	29,528
Street Lights	10,631	13,599,499	3,694	15,285,771
<b>Total Sales to Ultimate Consumers</b>	2,366,222	2,569,806,466	246,062	1,400,341,220

<b>September 2005 (revised 1/30/06, revisions in bold)</b>	<b>Incumbent Generation</b>		<b>Competitive Generation</b>	
<b>Rate Class</b>	<b>Total Number of Basic Service Customers</b>	<b>kWh Used by Basic Service Customers for Month</b>	<b>Total Number of Competitive Generation Customers</b>	<b>kWh of Competitive Generation Used for Month</b>
Residential - Non-Low Income	1,901,752	1,334,485,995	187,911	131,404,086
Residential - Low Income	143,540	81,939,826	6,562	4,047,063
Residential - Time-Of-Use	368	813,368	16	108,547
Small Commercial & Industrial	225,732	329,863,477	37,185	102,128,476
Medium Commercial & Industrial	37,488	472,642,820	6,266	162,932,827
Large Commercial & Industrial	<b>3,745</b>	<b>582,703,916</b>	3,084	1,133,594,426
Farms	621	1,561,017	3	241,413
Street Lights	10,506	12,773,020	6,227	14,586,411
<b>Total Sales to Ultimate Consumers</b>	<b>2,323,752</b>	<b>2,826,783,439</b>	247,254	1,549,043,250

<b>August 2005</b>	<b>Incumbent Generation</b>		<b>Competitive Generation</b>	
<b>Rate Class</b>	<b>Total Number of Basic Service Customers</b>	<b>kWh Used by Basic Service Customers for Month</b>	<b>Total Number of Competitive Generation Customers</b>	<b>kWh of Competitive Generation Used for Month</b>
Residential - Non-Low Income	1,919,168	1,557,090,020	183,879	139,406,984
Residential - Low Income	148,554	98,313,471	6,461	4,054,506
Residential - Time-Of-Use	386	894,424	15	101,295
Small Commercial & Industrial	227,991	352,875,148	36,225	105,254,270
Medium Commercial & Industrial	38,262	501,416,319	6,261	167,679,649
Large Commercial & Industrial	3,792	593,827,187	3,151	1,172,429,952
Farms	622	1,557,238	2	220,123
Street Lights	10,564	10,602,618	6,244	13,337,394
<b>Total Sales to Ultimate Consumers</b>	2,349,339	3,116,576,426	242,238	1,602,484,173

<b>July 2005</b>	<b>Incumbent Generation</b>		<b>Competitive Generation</b>	
<b>Rate Class</b>	<b>Total Number of Basic Service Customers</b>	<b>kWh Used by Basic Service Customers for Month</b>	<b>Total Number of Competitive Generation Customers</b>	<b>kWh of Competitive Generation Used for Month</b>
Residential - Non-Low Income	1,925,918	1,399,685,811	175,463	110,715,825

Residential - Low Income	147,459	84,348,915	6,079	3,377,740
Residential - Time-Of-Use	364	1,056,443	12	109,471
Small Commercial & Industrial	230,290	322,774,124	35,726	92,224,488
Medium Commercial & Industrial	40,207	484,109,799	6,256	159,245,352
Large Commercial & Industrial	3,751	591,888,273	3,030	1,111,699,350
Farms	622	1,383,836	2	228,762
Street Lights	10,615	9,496,743	6,302	12,450,407
<i>Total Sales to Ultimate Consumers</i>	2,359,226	2,894,743,944	232,870	1,490,051,396

June 2005	Incumbent Generation		Competitive Generation	
Rate Class	Total Number of Basic Service Customers	kWh Used by Basic Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non-Low Income	1,937,084	1,146,306,749	190,594	95,443,083
Residential - Low Income	148,661	74,622,219	6,316	3,370,657
Residential - Time-Of-Use	386	1,021,107	12	132,616
Small Commercial & Industrial	227,723	288,156,834	37,322	81,278,951
Medium Commercial & Industrial	40,405	442,046,284	6,159	134,842,201
Large Commercial & Industrial	3,876	590,217,496	2,991	1,037,513,184
Farms	623	1,391,955	2	200,004
Street Lights	10,647	10,087,966	6,198	12,690,295
<i>Total Sales to Ultimate Consumers</i>	2,369,405	2,553,850,966	249,594	1,365,470,992

May 2005	Incumbent Generation		Competitive Generation	
Rate Class	Total Number of Basic Service Customers	kWh Used by Basic Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non-Low Income	1,927,240	993,151,621	154,283	65,654,217
Residential - Low Income	146,384	66,308,123	5,397	2,806,011
Residential - Time-Of-Use	380	1,165,148	9	139,110
Small Commercial & Industrial	226,620	260,158,529	32,082	62,240,478
Medium Commercial & Industrial	40,449	395,439,444	5,844	112,790,425
Large Commercial & Industrial	3,931	511,805,724	2,975	895,657,542
Farms	626	1,507,328	1	3,239
Street Lights	10,366	10,891,139	5,959	12,684,015
<i>Total Sales to Ultimate Consumers</i>	2,355,996	2,240,427,056	206,550	1,151,975,037

April 2005 (revised 1/9/06, revisions in bold)	Incumbent Generation		Competitive Generation	
Rate Class	Total Number of Basic Service Customers	kWh Used by Basic Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non-Low Income	1,964,004	1,123,050,094	172,930	81,550,237
Residential - Low Income	148,895	74,911,436	5,711	3,492,132

<b>Residential - Time-Of-Use</b>	389	1,677,490	5	91,555
<b>Small Commercial &amp; Industrial</b>	232,578	276,537,534	33,502	64,110,883
<b>Medium Commercial &amp; Industrial</b>	42,198	441,617,232	5,966	126,935,210
<b>Large Commercial &amp; Industrial</b>	3,942	532,410,947	2,994	<b>962,006,611</b>
<b>Farms</b>	624	1,282,333	2	<b>165,990</b>
<b>Street Lights</b>	10,898	11,580,485	5,583	14,645,577
<b><i>Total Sales to Ultimate Consumers</i></b>	2,403,528	2,463,067,551	226,693	1,252,998,194

March 2005 (revised 1/9/06, revisions in bold)	Incumbent Generation		Competitive Generation	
Rate Class	Total Number of Basic Service Customers	kWh Used by Basic Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non-Low Income	2,029,901	1,397,279,894	67,795	41,424,185
Residential - Low Income	144,552	89,850,640	4,998	3,749,922
Residential - Time-Of-Use	393	2,230,689	3	132,380
Small Commercial & Industrial	239,683	343,090,255	20,378	44,236,429
Medium Commercial & Industrial	41,571	488,982,601	5,043	109,991,313
Large Commercial & Industrial	2,291	653,511,297	2,691	922,721,857
Farms	<b>624</b>	1,775,306	4	119,561
Street Lights	14,727	12,064,450	1,668	12,705,416
<b>Total Sales to Ultimate Consumers</b>	2,477,225	2,988,785,132	102,580	1,135,081,063

February 2005	Incumbent Generation				Competitive Generation	
Rate Class	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non-Low Income	1,239,490	924,371,293	802,240	484,906,115	71,040	45,058,921
Residential - Low Income	125,955	76,120,836	15,582	8,831,710	4,793	3,792,009
Residential - Time-Of-Use	346	2,244,493	53	131,375	3	120,404
Small Commercial & Industrial	128,141	195,504,595	112,293	140,866,711	20,304	43,459,482
Medium Commercial & Industrial	24,039	301,697,767	18,053	187,040,104	4,774	98,292,438
Large Commercial & Industrial	2,526	452,366,049	2,007	293,133,256	2,444	852,405,173
Farms	549	1,289,593	77	226,157	1	3,239
Street Lights	11,763	17,951,587	2,999	3,631,743	1,570	7,920,857
<b>Total Sales to Ultimate Consumers</b>	1,532,809	1,971,546,213	953,304	1,118,767,171	104,929	1,051,052,524

January 2005	Incumbent Generation				Competitive Generation	
Rate Class	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non-Low Income	1,226,019	984,708,823	785,346	501,881,922	55,547	34,868,657

<b>Residential - Low Income</b>	114,013	75,152,514	27,540	16,475,106	1,003	783,055
<b>Residential - Time-Of-Use</b>	342	2,117,005	46	130,950	3	109,970
<b>Small Commercial &amp; Industrial</b>	129,731	197,182,790	111,199	143,363,817	17,352	38,575,152
<b>Medium Commercial &amp; Industrial</b>	24,409	303,309,087	17,709	186,316,177	4,664	96,742,404
<b>Large Commercial &amp; Industrial</b>	2,543	450,883,799	2,016	327,447,722	2,207	742,775,238
<b>Farms</b>	541	1,464,845	69	235,425	1	6,369
<b>Street Lights</b>	12,209	20,035,371,183	2,834	4,265,551	1,320	10,140,478
<b>Total Sales to Ultimate Consumers</b>	1,508,807	2,035,371,183	946,759	1,180,116,670	82,097	924,001,324

#### Notes and definitions:

All data were collected from investor-owned distribution companies, who reported data by their respective rate classes. Each company reported two data elements each for standard offer, default, and competitive generation service: (1) the number of customers on the last day of the month, and (2) the kilowatthours (kWh) used during the entire month.

Data for residential, farm, and street-lights rate classes are shown as reported by the distribution companies. The remaining rate-class data were aggregated by DOER as follows: small commercial and industrial (C&I) includes rate classes with average monthly usage levels below or equal to 3,000 kWh/month; medium C&I includes rate classes with average monthly usage levels greater than 3,000 kWh/month but less than or equal to 120,000 kWh/month; large C&I includes rate classes with average monthly usage levels greater than 120,000 kWh/month. DOER chose this particular aggregation scheme to simplify the reported data. DOER does not endorse any particular conclusions or findings that may result from the data.

For more information on this topic, please contact Cliff Sullivan at (617) 727-4732, ext. 40160, or via email at [Cliff.Sullivan@State.MA.US](mailto:Cliff.Sullivan@State.MA.US).